

## Title (en)

Microfluidic separation method with combined pressure and voltage control

## Title (de)

Mikrofluidisches Trennverfahren mit kombinierter Druck- und Spannungsregelung

## Title (fr)

Procédé de separation microfluidique avec commande combinée de pression et de voltage

## Publication

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## Application

**EP 13150764 A 20030304**

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- US 38130602 P 20020517
- EP 12161909 A 20030304
- EP 03726025 A 20030304

## Abstract (en)

A method for separating first (708) and second (710) species in a sample mixture in a microfluidic device with channel segments (702, 704, 706) coupled to a channel junction (705), wherein a pressure gradient is applied between the first (702) and second (704) channel segments and a voltage gradient is applied between the second (704) and third (706) channel segments.

## IPC 8 full level

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## Citation (applicant)

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## Citation (search report)

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## DOCDB simple family (application)

**US 0306688 W 20030304**; AU 2003228277 A 20030304; CA 2477702 A 20030304; EP 03726025 A 20030304; EP 12161909 A 20030304; EP 13150764 A 20030304; JP 2003574315 A 20030304; US 38690003 A 20030304; US 59470506 A 20061107